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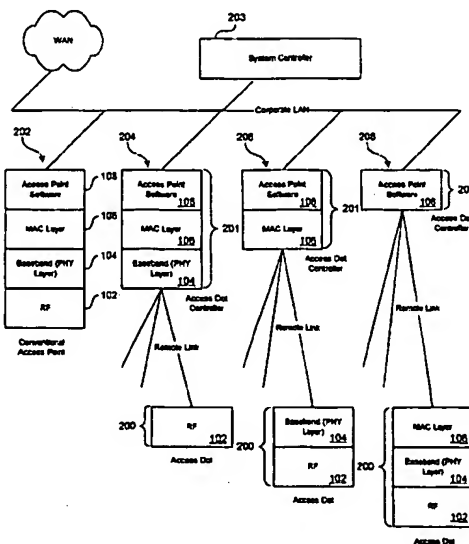
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(54) Title: NETWORK ACCESS POINTS USING MULTIPLE DEVICES



(57) Abstract: A system and method for providing access to a communication network includes providing a radio node (200) comprising a first set of access point components including a radio component (102), and providing a physically separated controller node (201) in communication with the radio node (200). The access point controller (201) comprises a second set of access point components distinct from the first set of access point components, creating a distributed access point. A system controller (203) may also be used to control at least one of the radio node (200) and the controller node (201). The radio node (200), the controller node (201), and the system controller (203) communicate over a communication link, such as a wireless or wired link.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28840

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/24
US-CL : 370/338;455/550.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/310, 328, 338, 465, 469; 455/550.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
IEEE search terms: (blue*tooth* WITH controller*), (blue*tooth* WITH distribut*), (base*band* <near/1> controller*)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	U.S. 6,259,910 B1 (FAIRFIELD et al) 10 July 2001 (10.07.2001), figures 2 and 3.	1, 9, 10, 14, 15, 16, 19, 20, 21
Y	US 2002/0172177 A1 (GOOCH) 21 November 2002 (21.11.2002), figures 1 and 4; pages 3-4;	1-25
Y	US 2003/01440429 A1 (WU et al) 21 July 2003, figures 1-4; page 2.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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